



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
SOLID WASTE SECTION


**PERMIT TO OPERATE A SEPTAGE LAND
APPLICATION SITE**

Robersonville Ice and Coal Inc.
C. Mort Hurst
PO Box 106
Robersonville, NC 27871

is hereby permitted to operate Septage Land Application Site with permit # **SLAS-59-03** located on SR 1300 in Martin County at approximate position 35.84909° N latitude and -77.30236° E longitude. This site is permitted only for operations that are conducted in accordance with the representations made in the approved application, with all conditions attached to this permit, and with all of the provisions of 15A NCAC 13B.0800 -- Septage Management. Failure to operate as permitted may result in the Department suspending or revoking this permit, initiating action to enjoin the unpermitted operation, imposing administrative penalties, or invoking any other remedy as provided in Chapter 130A, Article 1, Part 2 of the North Carolina General Statutes.

This permit shall be reviewed annually to determine if soil test results and management activities are in compliance with the Septage Management Rules and the conditions of this permit. Modifications, where necessary, shall be made in accordance with rules in effect at the time of review.

Date Issued 7/30/2014


Martin A. Gallagher, Branch Head
Composting & Land Application Branch

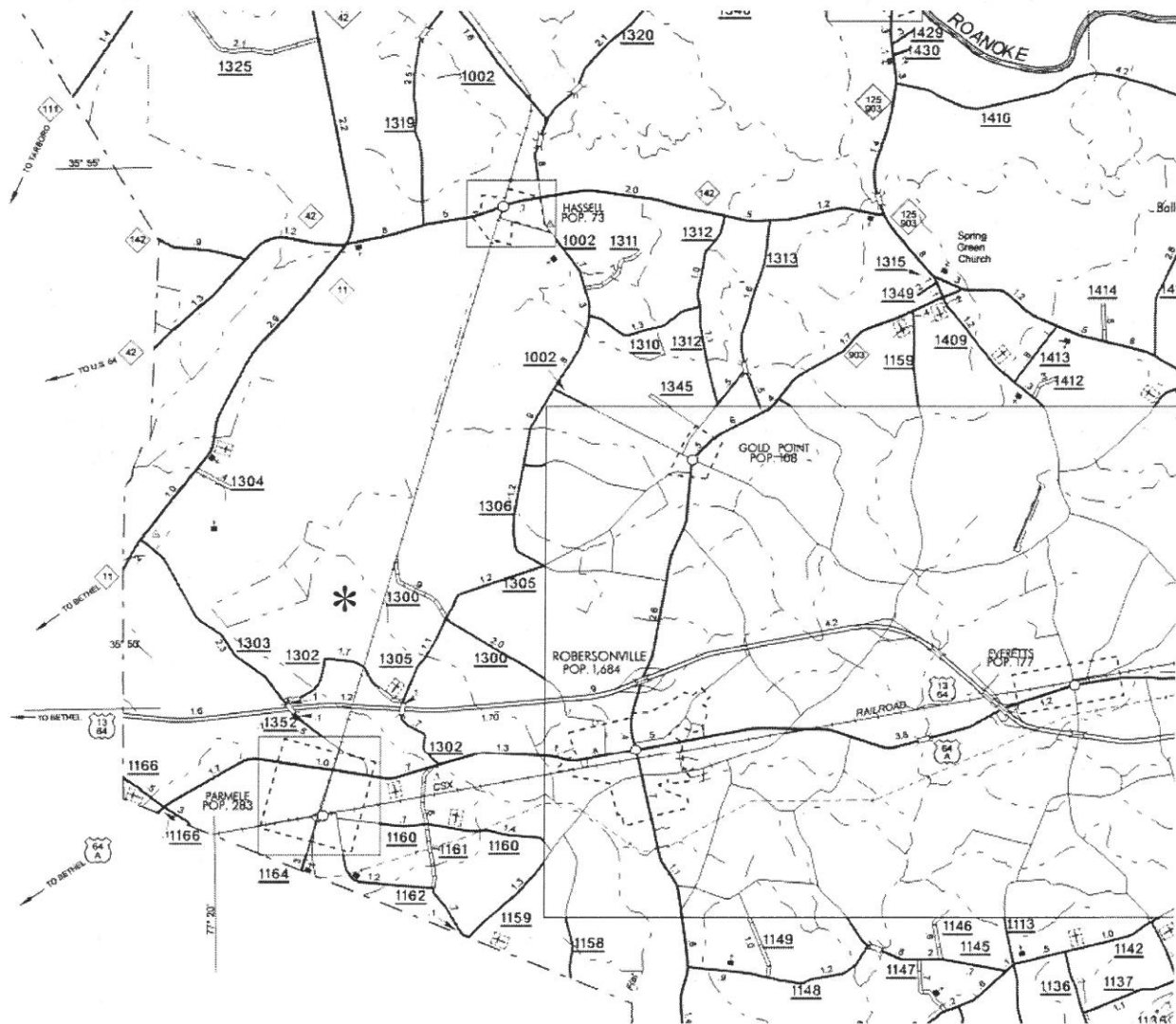
1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Telephone 919-707-8200 \ Internet <http://portal.ncdenr.org/web/wm/sw>

CONDITIONS OF OPERATING PERMIT

1. This permit shall become void if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards of both surface and ground waters.
2. This site shall be operated and maintained in accordance with the nutrient management plan submitted by C. Mort Hurst and approved by the Division of Waste Management. The 7.7 acre site is divided into 4 fields known as Field 1 (2.0 acres), Field 2A (1.9 acres), Field 2B (1.8 acres), and Field 3 (2.0 acres). Fields 1 is established in bermudagrass and fescue. Fields 2A and 2B are established in fescue. Field 3 is established in bermudagrass. If the bermudagrass stand drops below 80% in groundcover, the bare areas will be sprigged at 30-40 bu/ac or seeded at 5-7 lbs/ac. The bermudagrass fields will be overseeded with a small grain at a rate of 120 lbs/ac in September of each year. If the fescue stand drops below 80% in groundcover within the fescue fields, the bare areas will be reseeded at a rate of 10 lbs/ac, drilled. The 30-day withdrawal period prior to harvest shall be met by alternating septage applications between the active fields. All discharges shall be at locations on the site consistent with the crop rotation in the approved plan.
3. This site shall be operated and maintained in accordance with the erosion and runoff control plan submitted by C. Mort Hurst and approved by the Division. The erosion and runoff control measures shall be maintained in such a manner as to prevent the migration of wastes off of the designated waste receiving site. Any site improvements noted in the plan must be installed within 30 days of plan approval. The installation of groundwater monitoring wells shall be required as deemed necessary by the Division.
4. The issuance of this permit does not preclude the Permittee from complying with any and all statutes, rules, regulations, or ordinances that may be imposed by other local, state, and federal government agencies which have jurisdiction. It is the responsibility of the Permittee to be in compliance with the Federal Regulations listed in the Code of Federal Regulations, 40 CFR Part 503.
5. This permit may be modified or reissued at any time to incorporate any conditions, limitations, and / or monitoring requirements the Division deems necessary to adequately protect the environment and public health.

6. **This site is only permitted for the land application of domestic septage, grease trap pumpings, and portable toilet waste.** Domestic septage pH shall be raised to 12 or higher by alkali addition and, without the addition of additional alkali, shall remain at 12 or higher for 30 minutes prior to land application. Grease septage or grease septage mixed with domestic septage shall be raised to pH 12 or higher by alkali addition and, without the addition of additional alkali, shall remain at 12 or higher for 2 hours prior to land application.
7. **This site contains approximately 7.7 acres that are available for land application of septage. The maximum annual application rate for Fields 1, 2A, and 3 shall be 50,000 gallons per acre per year, for a total, maximum annual application of 295,000 gallons. The total, maximum annual application amount for this site may be increased up to 385,000 upon the opening of the inactive Field 2B. This application rate assumes equal septage distribution, on an annual basis, over the entire permitted area. Septage applications shall not exceed the maximum annual application amount for the site or the monthly application rates as stated in the approved nutrient management plan.**
8. An approved above ground septage detention system with a minimum design capacity of 7,500 gallons shall be available prior to operation of this site unless an approved wastewater treatment plant is available for use during periods of adverse weather. The storage capacity may be adjusted if it is demonstrated during the operation of the site that this volume of storage is inappropriate.
9. Only the area designated on the attached site map(s) shall be utilized for septage disposal. Each load of septage discharged at the site shall be distributed from a moving vehicle in such a manner that there is no standing water when the discharge is complete.
10. Septage shall not be applied during any precipitation event, or if there is standing water on the soil surface, if the soil surface is frozen, or if the soil surface is snow covered. The Permittee shall consider pending weather conditions when making the decision to land apply in order to prevent any discharge of septage outside of the permitted boundary.
11. Septage shall not be applied during periods of high soil moisture. Septage applications that will result in ruts greater than three inches in the soil surface are prohibited.
12. Any discharge of septage outside of the permitted boundaries via runoff, aerial drift, etc. is prohibited.
13. This permit shall become voidable unless the land application activities are carried out in accordance with the conditions of this permit and in the manner approved by this Division. No one other than the Permittee or an employee of the firm named in this permit shall discharge septage at this site without prior appropriate notification and written approval from the Division.

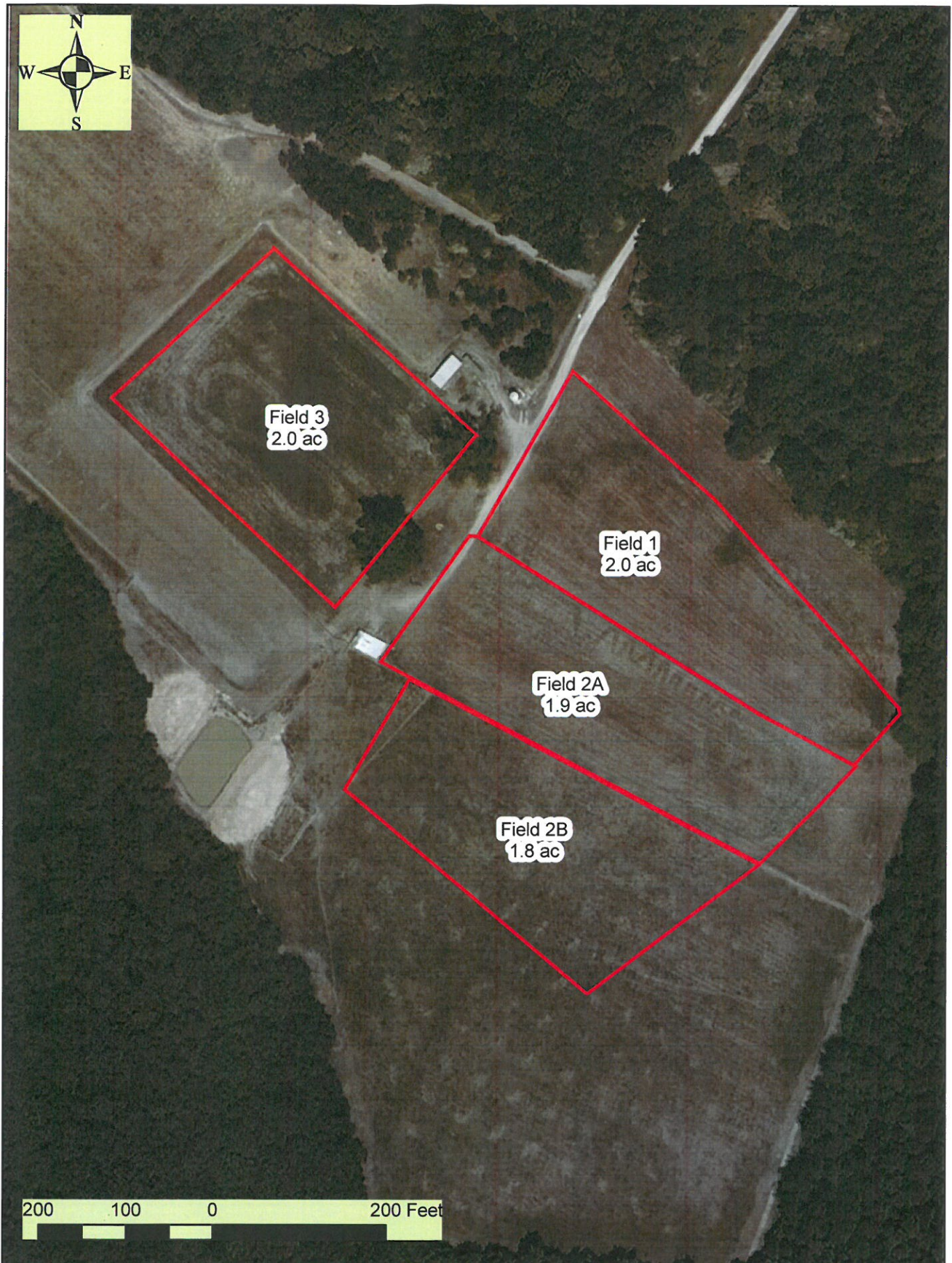
14. Prior to any transfer of this land, a notice shall be given to the new owner that gives full details of the materials applied or incorporated at this site. The Division shall be notified prior to site closure. This permit is non-transferable.
15. **This permit shall expire on July 30, 2019.** Modifications, when necessary, shall be made in accordance with the rules in effect at the time of renewal. An application for permit renewal shall be submitted at least ninety (90) days prior to the permit renewal date. A septage application log for the period of time this permit was valid shall be submitted along with an application for permit renewal or modification. The information required in the log is described in Rule 15A NCAC 13B .0838 (e) (1) of the NC Septage Management Rules and the Code of Federal Regulations, 40 CFR Part 503.17 (b).
16. Records shall be kept in accordance with 40 CFR 503.17(b). These records shall be made available to a representative of the Division upon request.
17. Any duly authorized officer, employee, or representative of the Division may, upon presentation of credentials, enter and inspect any property, premises, or place on or related to the disposal site and facility at any reasonable time for the purpose of determining compliance with this permit; may inspect or copy any records that must be kept under the conditions of this permit; or may obtain samples of groundwater, surface water, or leachate.
18. Field separations in the nutrient management plan and all pertinent setbacks shall be clearly located on the site. Boundaries of the permitted septage land application fields shall be clearly marked on the ground.
19. The areas that can be used for land application of septage shall be maintained at least 500 feet from any existing wells, residences, places of business, or places of public assembly. Septage shall not be disposed of within 50 feet of any property line or within 100 feet of any ditch.
20. **Field 2B is considered inactive until further notice. Field 2B shall be inspected by the Division for crop coverage prior to use. Please notify the Division at least two (2) weeks prior to when you wish to reopen the field.**



SLAS-59-03

- Robersonville Ice & Coal Inc. / Mort Hurst
- Site located off of SR 1300 (turn left off of road before SR ends)
- Coordinates: 35.84909° N latitude -77.30236° E longitude

SLAS-59-03



Source: Aerial imagery obtained from Esri, DigitalGlobe, GeoEye, i-cubed, USDA FSA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community. Site boundary from NC DENR Division of Waste Management. Map created by NC DENR Division of Waste Management, Compost and Land Application Branch for permitting purposes only. crc, July 2014



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

September 4, 2014

Mr. C. Mort Hurst
Robersonville Ice and Coal Inc.
PO BOX 106
Robersonville, NC 27871

RE: SLAS-59-03 and SDTF-59-03 Permit Renewals
Robersonville Ice and Coal Inc.
SR 1300 in Martin County

Dear Mr. Hurst:

The NC Division of Waste Management has reviewed your permit application to renew Septage Land Application Site, **Permit # SLAS-59-03**, in Martin County. Your application has been approved in accordance with NC Septage Management Rules and your permit, **SLAS-59-03**, is enclosed. When communicating to the Division about this permit, please refer to it as permit # **"SLAS-59-03."**

Please read all permit conditions carefully. The nutrient management and soil erosion and runoff control plans you submitted have been included in your permit. In particular, pay close attention to **Permit Conditions 6, 7, 15, and 20**. Condition 6 states that this site is only permitted to receive domestic septage, grease trap pumpings, and portable toilet waste. The permitted annual application rate for this site is covered within Condition 7. This permit will expire on **July 30, 2019** as covered within Condition 15. An application for permit renewal along with your septage land application logs for the entire time your current permit was valid must be submitted ninety (90) days prior to the expiration of your permit. And finally, Condition 20 states that Field 2B is considered inactive until further notice and that the field must be inspected by the Division prior to use.

The Division has also reviewed your permit application to renew Septage Detention and Treatment Facility, Permit # **SDTF-59-03**, in Martin County. The application has been approved in accordance with the NC Septage Management Rules and your permit, **SDTF-59-03**, is enclosed. Remember that Permit # **SDTF-59-03** covers the operation of your detention tanks and is different from Permit # **SLAS-59-03** which covers the operation of the septage land application site. When communicating to the Division about this permit, please refer to it as permit # **"SDTF-59-03."**

CONTINUE ON BACK

Mr. Hurst
September 4, 2014
Page 2 of 2

Please read carefully the conditions of Permit #SDTF-59-03. In particular, pay close attention to **Permit Conditions 7 and 9**. Condition 7 states details about the facility and the types of septage that can be stored there. Condition 9 states that this permit shall expire on **July 30, 2019** and that "an application for permit renewal shall be submitted at least ninety (90) days prior to the permit renewal date."

Again, pay close attention to the enclosed permits. Permit #SLAS-59-03 covers the operation of your septage land application site and Permit #SDTF-59-03 covers the operation of your septage detention site. Please remember that violations to the NC Septage Management Rules or these permits could subject you to administrative penalties of up to \$15,000 per violation per day. If you have any questions concerning your permits or septage in general, please do not hesitate to contact me at (919) 707-8283.

Sincerely,



Chester R. Cobb, Soil Scientist
Division of Waste Management, NCDENR

Enclosures

cc: Central Office
Martin County Health Department

S:\Solid_Waste\cla\septage\slasper\59-Martin\Hurst\5903cl14p.docx

APPLICATION FOR A PERMIT TO OPERATE A SEPTAGE LAND APPLICATION SITE

North Carolina Department of Environment and Natural Resources
Division of Waste Management – Solid Waste Section
1646 Mail Service Center, Raleigh, NC 27699-1646



I. Site and Operator Information

1. Applicant
Address

Robersonville Trer Coal Inc.

202 E. Railroad St.

Robersonville, NC 27821

Phone

252-795-4782 252-661-3170

2. Contact person for site operation (if different from applicant):

C. Mont Hunt

Title or position

BWhe

Phone

252-661-3170

Address

P.O. Box 106

Robersonville, NC 27821

3. Landowner

C. Mont Hunt

Address

P.O. Box 106

Robersonville, NC 27821

4. Site Location:

County Martin

State Road Number

#1300

Directions to site:

Take State Rd #1300 to last pull to (B) before the
dead-end and follow around through the woods and see on the (B) side

5. Indicate whether request is: new _____ renewal ☒ modification _____

For a permit renewal or modification, provide the following information:

Existing site permit number: SLAS #59-03 permit expiration date: Sept 10 - 2013

6. Number of acres meeting the requirements of the N.C. Septage Management Rules: 7.7 acres.

7. Substances other than septage or grease trap pumpings previously disposed of on the site:

(a) None ✓, or (b) Attach a list indicating other substances, the amounts discharged, and the dates of discharge.

8. Attach written, notarized landowner authorization to operate a septage disposal site signed by the landowner (if the permit applicant does not own the property). **If a corporation owns the land use a corporate landowner authorization form. If limited liability company owns the land, use a limited liability company landowner authorization form.** N/A

9. Attach site evaluation report, including aerial photograph and soil analysis with metals results, unless the Division prepared the report.

10. Attach a vicinity map (county road map showing site location).

(over)

II. Site Management Information:

The following information shall be included with the application form:

1. Nutrient Management Plan
2. Soil Erosion and Runoff Control Plan
3. Alternative plan for disposal (detention facility permit number or wastewater treatment plant authorization): ~~SLAS # 59-03~~ SDTF 59-03

4. Types of septage proposed to be discharged at the site (check all that apply):

- (a) Domestic septage pumped from septic tanks ☒
- (b) Grease trap pumpings ☒
- (c) Portable toilet waste ☒
- (d) Commercial / Industrial septage ☐

5. Proposed treatment method of each type of septage to be land applied (use additional paper to explain if necessary): Add 1 Bag or more of dehydrated lime to the domestic sewage or portable waste for 1 bag before spreading to pH 12
Add 1 Bag or more of dehydrated lime to the grease for 2 bag per unit until pH goes to 12 then mix 1 to 1 in 60 feet with sewage before spreading
6. Proposed method of applying septage to land, including septage distribution plan if required * (use additional paper to explain if necessary): Blow into holding tank pull out & blow back into tank & pull out again so that it is mixed real good before spreading. We have a spreader to the back of truck and drive across site & open valve and spread down the site & back up but don't overlap.
7. Demonstration from the appropriate state or federal government agency that the land application site complies with the Endangered Species Law ** or if any part of the site specified is not agricultural land (use additional paper to explain if necessary): None

III. Certification

I hereby certify that:

1. The information provided on this application is true, complete, and correct to the best of my knowledge.
2. I have read and understand the N.C. Septage Management Rules, and
3. I am aware of the potential consequences, including penalties and permit revocation, for failing to follow all applicable rules and the conditions of a Septage Land Application Site permit.

C. Mont Hunt

Signature***

5-18-13

Date

C. Mont Hunt

Print name

5-18-13

Title

Note: This application will not be reviewed until all parts of the application are complete.

* Refer to Section .0837(e) of the N.C. Septage Management Rules.

** Refer to Section .0837(g) of the N.C. Septage Management Rules.

***Signature of company official required.

Robersonville Ice & Coal Company
Railroad St
Robersonville, NC 27871



Nutrient Management Plan for Septage Application to SLAS-59-03

A. General Information:

1. The septage land application site consists of four fields totaling approximately 7.7 acres. The acreages within the four fields are 2.0 acres for Field #1, 1.9 acres for Field #2A, 1.8 acres for Field #2B, and 2.0 for Field #3.
2. The predominant soil type of these four fields is Goldsboro sandy loam.
3. Currently, Fields #1 is established in fescue and bermudagrass and will be harvested for hay. Field #2B is established in fescue and is fenced such as to allow for grazing. Field #2A is to be established in fescue and will be cut for hay. Field #3 is established in bermudagrass and will be harvested for hay.
4. Septage storage will be provided to account for the average volume of septage pumped per week. A permit to dispose of septage at a WWTP is also held by Robersonville Ice & Coal Inc.
5. There will be septage sampling on a periodic schedule.
6. Septage will not be applied where the site is untrafficable. (Untrafficable is defined as soil that will allow a loaded truck to leave a depression in the sod greater than three inches in depth).

B. Crops to be grown and approximate planting times:

1. Field #1 is currently established in coastal bermudagrass and fescue. If there is less than 80% crop coverage going into the spring, then the field will be planted in bermudagrass. If there is less than 80% crop coverage going into the fall, then the field will be planted in fescue. See recommendations below.
2. Field #3 was established in common bermudagrass in 2006. Field 3 will be overseeded in September with a small grain (wheat, oats, etc.) at a seeding rate of 120 lbs/ac.
3. Field #2B currently has an adequate stand of fescue.
4. Field #2A was established in fescue during the fall of 2008. The fescue will be planted during September or October at a seeding rate of 15 – 20 lbs/ac broadcast or 10 – 15 lbs/ac if drilled.
5. If the bermudagrass stand falls below 80% in groundcover across an entire field, the field will be resprigged in March or April at 30-40 bu/ac or seeded at 5-7 lbs/ac (drilled). For spot planting, the bermudagrass will be drilled. Follow the planting recommendations for the variety of bermudagrass to be planted.
6. If the fescue stand falls below 80% in groundcover across the entire field, the bare spots will be reseeded at a rate of 10 lbs/ac drilled between September 1 and October 31.

Robersonville Ice & Coal Company

Page 2 of NMP for SLAS-59-03

C. Nitrogen requirements for crops grown:

Crop	RYE ¹	N App. Rate ²	lbs N/acre
Coastal Bermudagrass / small grain overseed (hay)	8.2 X	46 lbs N/dry ton =	377
Fescue (hay)	4.0 X	46 lbs N/dry ton =	184
Fescue (graze)	4.0 X	34 lbs N/dry ton =	136
Common Bermudagrass (hay)	4.9 X	46 lbs N/dry ton =	225
Bermudagrass / Fescue (hay)	5.9 X	46 lbs N/dry ton =	271
Small grain overseed (hay)			50

¹ RYE = Realistic Yield Expectations

² N application rate based on RYE for soil type

At the lowest application rate of 136 lbs N / acre, 52,308 gallons septage / acre would be needed to supply the required N ($136 / 0.0026$). However, septage rules require a maximum annual application rate of 50,000 gallons septage / acre. As a rule of thumb, septage supplies approximately 2.6 lbs N / 1,000 gallons.

D. Relative application rate for Fields #1, #2A, #2B and #3:

Month	Field 1	Field 2A	Field 2B	Field 3
January	5,000	5,000	5,000	5,000
February	5,000	10,000	10,000	5,000
March	15,000	15,000	15,000	10,000
April	15,000	15,000	15,000	15,000
May	10,000	10,000	10,000	10,000
June	15,000	5,000	5,000	15,000
July	10,000	5,000	5,000	15,000
August	10,000	5,000	5,000	10,000
September	10,000	10,000	10,000	10,000
October	10,000	10,000	10,000	5,000
November	5,000	10,000	10,000	5,000
December	5,000	5,000	5,000	5,000

Note: Cumulative application rate is not to exceed the permitted application rate of 50,000 gal/acre/yr.

The operator of the site is responsible for observing the 30-day withdrawal period prior to crop harvest for all crops and all fields. Refer to part G for more details.

E. Application Method:

The proceeding information is based on septage being evenly applied over the entire permitted site by liquid spread trucks.

Robersonville Ice & Coal Company

Page 3 of NMP for SLAS-59-03

F. Additional Fertility Requirements:

Each year in the fall, soil tests will be performed to determine the amount of commercial fertilizer needed. Supplemental nitrogen will be applied to the fields on an as needed basis at rates that do not exceed crop requirements. Nutrient recommendation as outlined on the annual soil reports will be followed for other nutrient requirements such as phosphorus and potassium.

The buffer areas will be fertilized with 500 lbs/ac of 10-10-10 fertilizer. Yearly soil tests will be followed and recommendations followed.

G. Harvest of the crops and their use:

1. For Field #1, the bermudagrass will be harvested as hay when it reaches 12 inches in height or about every 30-45 days beginning in June. The fescue will be cut and baled whenever it reaches approximately 12 inches in height or just before seed head emergence. This will usually take place in late May and again in September or October.
2. For Field #3, the bermudagrass will be harvested as hay when it reaches 12 inches in height or about every 30-45 days beginning in June. The small grain will be sprayed with Roundup prior to green up of the bermudagrass (see attached letter from Mr. Al Cochran on March 30, 2011).
3. For Fields #2A and #2B, the fescue will be harvested as hay or grazed. For hay production, the fescue will be cut and baled whenever it reaches approximately 12 inches in height or just before seed head emergence. This will usually take place in late May and again in September or October. At least two harvests will be made each year. For grazing, the field will be undisturbed for 30 days before the cows will be allowed to graze. During the waiting period and the time while the cows are grazing, septage applications will be rotated to one of the other three fields.
4. A 30-day waiting period must be observed between the last application of septage and the cutting of the forage for hay or grazing of the forage. Beginning in March or April of each year one of the bermudagrass fields will sit idle for 30 days while the other field receives waste applications. After 30 days, the cover crop on this field will be harvested for hay. After the first bermudagrass field has been harvested, this same rotation will be used for the other bermudagrass field. By May, the fescue fields should be ready for harvest. The 30 day rotation will also apply to all harvests.
5. The bermudagrass will cut and bale the hay to feed to our beef cows.

Robersonville Ice & Coal Company

Page 4 of NMP for SLAS-59-03

H. Soil erosion and surface water run-off plan:

1. A grass border will be established between the septage disposal area and ditches and woods. The border will be 25 feet in width. The vegetative area will act as a buffer zone between the woods and ditches in catching septage run-off during heavy rains. This grass border will also prevent erosion.
2. During excessive rains, septage will be disposed of at the Robersonville Sewage Plant or SDTF-59-03.
3. The Martin County Soil Conservation drainage plan for this property has been implemented. A map for that plan is included.
4. The soil classification of the four fields are as follows:
 - a. This site consists of Goldsboro fine sandy loam and Norfolk loamy fine sand Goldsboro: moderately well drained on uplands, permeability is moderately slow Norfolk: well-drained soils on uplands, permeability is moderate (source: Martin County Soil Survey pg 5).

C. Mark Hunt
Signature

C. Mark Hunt
Print Name

3-26-13
Date

Owner
Title

C. Mark Hunt
C. Mark Hunt

5-18-13
5-18-13

NC STATE UNIVERSITY

Martin County Center
104 Kehukee Park Road
Williamston NC 27892
Phone: (252) 789-4370
FAX: (252) 789-4389
<http://martin.ces.ncsu.edu>

March 30, 2011

Division of Waste Management
Solid Waste Section
1646 Mail Service Center
Raleigh, NC, 27699-1646

To whom it may concern:

This letter is concerning the spray field for Mort and Jeff Hurst. They plant a cover crop in the fall on their bermuda grass fields. They apply septage on the fields in the winter months. To improve the growth of the bermuda grass, I have recommend they spray it with Roundup while the bermuda grass is dormant in the early spring. Applying Roundup will kill the cover crop and any winter weeds that are present. The cover crop will shade out the bermuda grass if not cut or killed in the spring. If done properly while the Bermuda grass is dormant, applying Roundup will not hurt the bermuda grass. If you have any question concerning this matter please call me at 252-789-4370.

Sincerely,



Al Cochran
Extension Agent

SEPTAGE LAND APPLICATION LOG

COVER SHEET

Site Operator: Robertsonville Inc & Coal Inc.
SLAS Permit #: SLAS # 59-07
Site Location: 35.85° N. latitude - 77.30361° W. longitude
(street address for the site or latitude and longitude)
Number of acres permitted: 7.7 Acres
Permitted application rate: 50,000 Gal Per Acre
(gallons septage per acre per year)
Crop(s): Site #1 Fescue & Corn & Bermuda #2 Fescue 213 Fescue #7 Common Bermuda
Crop nitrogen requirement(s): Site #1 221 lb, Site #2 184 lb, Site #3 225 lb
(pounds nitrogen per acre)

CERTIFICATION:

"I certify, under penalty of law, that the pathogen requirements in (insert either 503.32 (c)(1) or 503.32 (c)(2)) and the vector attraction reduction requirements in (insert 503.33 (b)(9), 503.33 (b)(10) or 503.33 (b)(12)) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

E. M. Hunt
(signature)

5-18-13
(date)

SLAS Permit Review

Permit #:

SLAS-59-03

Application

Received:

5-21-13

☐ NEW☒ RENEWAL☐ MODIFICATION

ISSUED: 9-10-08

EXPIRES: 9-10-13

APPLICATION

COMPLETE

LANDOWNER AUTHORIZATION FORM

PERMITTEE OWNS

MAPS

ON FILE

NUTRIENT MANAGEMENT PLAN

Crops: BERMUDAGRASS/SC (OVERSEED) FESCUE

☒ Planting:☒ 80% coverage (replanting guidelines):☒ Harvest:☒ Soil Erosion and Runoff Control Plan:Fields: 3 Acres: 5.9 Maximum Annual Application Amount: 295,000 ~~50,000~~ gal.

RECORDS

☒ Septage Land Application Log Cover Sheet☐ Overapplied

FIELD #2 - 1,000 GAL. OVER FOR AUG. 2009. DID NOT GO OVER ON YEARLY AMOUNT.

COMPLIANCE ISSUES AND OTHER COMMENTS

(NOV's and NOD's)

NOV → 11-5-09 → VIOLATION TO RULE .0238 (a)(12)
- SEPTAGE HAD RUN DOWN PATH IN FRONT OF FIELD

		SLAS-59-03				5.9 Acres	295,000		Over / Under				
	Field 1	Field 2	2008	Field 3	Field 4		Rate	F1	F2	F3	F1	F2	F3
January	-	-	-	-	-			10,000	9,500	10,000	(10,000)	(9,500)	(10,000)
February	-	-	-	-	-			10,000	19,000	10,000	(10,000)	(19,000)	(10,000)
March	-	-	-	-	-			30,000	28,500	20,000	(30,000)	(28,500)	(20,000)
April	-	-	-	-	-			30,000	28,500	30,000	(30,000)	(28,500)	(30,000)
May	-	-	-	-	-			20,000	19,000	20,000	(20,000)	(19,000)	(20,000)
June	-	-	-	-	-			30,000	9,500	30,000	(30,000)	(9,500)	(30,000)
July	-	-	-	-	-			20,000	9,500	30,000	(20,000)	(9,500)	(30,000)
August	4,715	-	-	-	-			20,000	9,500	20,000	(15,285)	(9,500)	(20,000)
September	-	-	-	6,325	-			20,000	19,000	20,000	(20,000)	(19,000)	(13,675)
October	3,525	-	-	6,660	-			20,000	19,000	10,000	(16,475)	(19,000)	(3,340)
November	6,040	-	-	5,095	-			10,000	19,000	10,000	(3,960)	(19,000)	(4,905)
December	5,980	-	-	2,575	-			10,000	9,500	10,000	(4,020)	(9,500)	(7,425)
TOTAL	20,260	0	0	20,655	0			40,915					
Acres	2.0	1.9	2.0					5.9					
Permit Amount	100,000	95,000	100,000	0	0			295,000					
Over / Under	(79,740)	(95,000)	(79,345)	0	0			(254,085)					
	Field 1	Field 2	2009	Field 3	Field 4		Rate	F1	F2	F3	F1	F2	F3
January	4,260	-	-	1,540				10,000	9,500	10,000	(5,740)	(9,500)	(8,460)
February	-	-	-	4,275				10,000	19,000	10,000	(10,000)	(19,000)	(5,725)
March	8,800	-	-	1,600				30,000	28,500	20,000	(21,200)	(28,500)	(18,400)
April	9,285	-	-	2,595				30,000	28,500	30,000	(20,715)	(28,500)	(27,405)
May	-	-	-	7,490				20,000	19,000	20,000	(20,000)	(19,000)	(12,510)
June	-	-	7,635	-				30,000	9,500	30,000	(30,000)	(1,865)	(30,000)
July	-	-	-	7,985				20,000	9,500	30,000	(20,000)	(9,500)	(22,015)
August	-	-	10,505	-				20,000	9,500	20,000	(20,000)	1,005	(20,000)
September	-	-	-	5,585				20,000	19,000	20,000	(20,000)	(19,000)	(14,415)
October	-	11,965	-	-				20,000	19,000	10,000	(20,000)	(7,035)	(10,000)
November	8,820	4,160	1,600	-				10,000	19,000	10,000	(1,180)	(14,840)	(8,400)
December	6,830	1,075	5,700					10,000	9,500	10,000	(3,170)	(8,425)	(4,300)
TOTAL	37,995	35,340	38,370	0	0			111,705					
Acres	2.0	1.9	2.0					5.9					
Permit Amount	100,000	95,000	100,000	0	0			295,000					
Over / Under	(62,005)	(59,660)	(61,630)	0	0			(183,295)					
	Field 1	Field 2	2010	Field 3	Field 4		Rate	F1	F2	F3	F1	F2	F3
January	6,500	4,670		4,260				10,000	9,500	10,000	(3,500)	(4,830)	(5,740)
February	7,565	2,480		3,200				10,000	19,000	10,000	(2,435)	(16,520)	(6,800)
March	-	1,800		6,080				30,000	28,500	20,000	(30,000)	(26,700)	(13,920)
April	12,420	-		-				30,000	28,500	30,000	(17,580)	(28,500)	(30,000)
May	-	4,300		2,755				20,000	19,000	20,000	(20,000)	(14,700)	(17,245)
June	12,130	-		-				30,000	9,500	30,000	(17,870)	(9,500)	(30,000)
July	-	6,210		5,670				20,000	9,500	30,000	(20,000)	(3,290)	(24,330)
August	14,050	-		15,250				20,000	9,500	20,000	(5,950)	(9,500)	(4,750)
September	-	15,320		17,375				20,000	19,000	20,000	(20,000)	(3,680)	(2,625)
October	8,810	16,970		7,120				20,000	19,000	10,000	(11,190)	(2,030)	(2,880)
November	5,060	7,890		4,370				10,000	19,000	10,000	(4,940)	(11,110)	(5,630)
December	4,020	5,550		4,805				10,000	9,500	10,000	(5,980)	(3,950)	(5,195)
TOTAL	70,555	65,190		70,885	0	0		206,630					
Acres	2.0	1.9	2.0					5.9					
Permit Amount	100,000	95,000	100,000	0	0			295,000					
Over / Under	(29,445)	(29,810)	(29,115)	0	0			(88,370)					

	Field 1	Field 2	2011	Field 3	Field 4	Rate	F1	F2	F3	Over / Under	F1	F2	F3
January	5,050	5,750	7,160				10,000	9,500	10,000	(4,950)	(3,750)	(2,840)	
February	4,030	9,840	4,730				10,000	19,000	10,000	(5,970)	(9,160)	(5,270)	
March	-	11,250	9,450				30,000	28,500	20,000	(30,000)	(17,250)	(10,550)	
April	10,760	8,890	-				30,000	28,500	30,000	(19,240)	(19,610)	(30,000)	
May	-	3,580	9,090				20,000	19,000	20,000	(20,000)	(15,420)	(10,910)	
June	11,850	-	-				30,000	9,500	30,000	(18,150)	(9,500)	(30,000)	
July	-	5,490	5,925				20,000	9,500	30,000	(20,000)	(4,010)	(24,075)	
August	15,870	-	-				20,000	9,500	20,000	(4,130)	(9,500)	(20,000)	
September	-	13,005	8,230				20,000	19,000	20,000	(20,000)	(5,995)	(11,770)	
October	4,960	10,775	-				20,000	19,000	10,000	(15,040)	(8,225)	(10,000)	
November	2,840	8,540	5,640				10,000	19,000	10,000	(7,160)	(10,460)	(4,360)	
December	4,400	5,135	5,500				10,000	9,500	10,000	(5,600)	(4,365)	(4,500)	
TOTAL	59,760	82,255	55,725	0 Site			197,740						
Acres	2.0	1.9	2.0				5.9						
Permit Amount	100,000	95,000	100,000	0			295,000						
Over / Under	(40,240)	(12,745)	(44,275)	0			(97,260)						